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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.38056CC3	SERIAL NO. Unassigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Kouichirou WAKABAYASHI <i>et al.</i>	
		FILING DATE 19 November 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
ck	AA	5,881,039	03/1999	Sano <i>et al.</i>			
	AB	5,761,172	06/1998	Minemura <i>et al.</i>			
	AC	5,418,770	05/1995	Ide <i>et al.</i>			
	AD	5,166,914	11/1992	Shimada <i>et al.</i>			
	AE	5,781,590	07/1998	Shiokawa <i>et al.</i>			
	AF	5,898,654	04/1999	Shimada <i>et al.</i>			
	AG	5,297,165	03/1994	Ueda <i>et al.</i>			
	AH	5,543,978	08/1996	Park			
	AI	5,572,503	11/1996	Satoh <i>et al.</i>			
	AJ	5,680,380	10/1997	Taguchi <i>et al.</i>			
	AK	5,808,988	09/1998	Maeda <i>et al.</i>			
ck	AL	5,999,349	12/1999	Choi			

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation/Abstract	
							Yes	No
ck	AM	0375342 A2	06/1990	EP				
	AN	05-020614	01/1993	JP				
	AO	05-120798	05/1993	JP				
	AP	06-290463	10/1994	JP				
	AQ	08-129789	05/1996	JP				
	AR	09-180374	07/1997	JP				
	AS	10-106161	04/1998	JP				
ck	AT	10-112031	04/1998	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ck	AU	J. Opt. Soc. Am., Vol. 69, No. 1, January 1979, pp. 4-24.
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner		Date Considered
ck		12/13/05



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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.38056CC3	SERIAL NO. 10/715,378
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT WAKABAYASHI, et al.	
		FILING DATE November 19, 2003	GROUP 2655

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
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AH						
AI						
AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
<i>CER</i>	AM	8-124167	5-17-96	Japan		X	
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner	<i>CER</i>	Date Considered <i>12/13/05</i>

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Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.38056CC3	SERIAL NO. 10/715,378
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Kouichirou WAKABAYASHI et al.	
		FILING DATE 19 November 2003	GROUP 2655

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA	5,572,503 A	11/05/1996	Satoh et al.			
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AH						

U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
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AJ			
AK			
AL			

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	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
AM	07-169055 A	07/04/1995	JP			Abstract	
AN	10-112031 A	04/28/1998	JP			Abstract	
AO							
AP							
AQ							

OTHER DOCUMENTS

AR	
AS	
AT	

Examiner <i>CRP</i>	Date Considered 12/13/05
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